

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **RECOMBINANT IMMUNOTOXIN DIRECTED AGAINST THE HIV-1 GP120 ENVELOPE GLYCOPROTEIN** the specification of which        is attached hereto or X was filed on October 18, 2000 as Application No. 09/673,707 and was amended on                              (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
PCT	PCT/US99/12909	June 8, 1999	Yes

Hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/088,860	June 11, 1998

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

7      Robert Benson, Reg. No. 33,612  
Steven M. Ferguson, Reg. No. 38,448  
James C. Haight, Reg. No. 25,588  
John P. Kim, Reg. No. 38,514

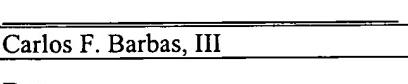
Susan S. Rucker, Reg. No. 35,762  
David R. Sadowski, Reg. No. 32,808  
Jack Spiegel, Reg. No. 34,477

Send Correspondence to:  
**Laurence J. Hyman**  
**TOWNSEND and TOWNSEND and CREW LLP**  
**Two Embarcadero Center, 8<sup>th</sup> Floor**  
**San Francisc , California 94111-3834**

Direct Telephone Calls to:  
(Name, Reg. No., Telephone No.)  
Name: Laurence J. Hyman  
Reg. No.: 35,551  
Telephone: 415-576-0200

Full Name of Inventor 1:	Last Name: <u>PASTAN</u>	First Name: <u>IRA</u>	Middle Name or Initial: <u>H.</u>
Residence & Citizenship:	City: <u>Potomac</u> <u>MD</u>	State/Foreign Country: <u>Maryland</u>	Country of Citizenship: <u>United States</u>
Post Office Address:	Post Office Address: <u>11710 Beall Mountain Road</u>	City: <u>Potomac</u>	State/Country: <u>Maryland</u> Postal Code: <u>20854</u>
Full Name of Inventor 2:	Last Name: <u>BERA</u>	First Name: <u>TAPAN</u>	Middle Name or Initial: <u>K.</u>
Residence & Citizenship:	City: <u>Gathersburg</u> <u>MD</u>	State/Foreign Country: <u>Maryland</u>	Country of Citizenship: <u>India</u>
Post Office Address:	Post Office Address: <u>18302 Ivy Oak Terrace</u>	City: <u>Gathersburg</u>	State/Country: <u>Maryland</u> Postal Code: <u>20877</u>
Full Name of Inventor 3:	Last Name: <u>KENNEDY</u>	First Name: <u>PAUL</u>	Middle Name or Initial: <u>E.</u>
Residence & Citizenship:	City: <u>Silver Spring</u> <u>MD</u>	State/Foreign Country: <u>Maryland</u>	Country of Citizenship: <u>United States</u>
Post Office Address:	Post Office Address: <u>735 Easley Street</u>	City: <u>Silver Spring</u>	State/Country: <u>Maryland</u> Postal Code: <u>20910</u>
Full Name of Inventor 4:	Last Name: <u>BERGER</u>	First Name: <u>EDWARD</u>	Middle Name or Initial: <u>A.</u>
Residence & Citizenship:	City: <u>Rockville</u> <u>MD</u>	State/Foreign Country: <u>Maryland</u>	Country of Citizenship: <u>United States</u>
Post Office Address:	Post Office Address: <u>5820 Inman Park Circle, #230</u>	City: <u>Rockville</u>	State/Country: <u>Maryland</u> Postal Code: <u>20852</u>
Full Name of Inventor 5:	Last Name: <u>BARBAS, III</u>	First Name: <u>CARLOS</u>	Middle Name or Initial: <u>F.</u>
Residence & Citizenship:	City: <u>San Diego</u> <u>CA</u>	State/Foreign Country: <u>California</u>	Country of Citizenship: <u>United States</u>
Post Office Address:	Post Office Address: <u>7081 Weller Street</u>	City: <u>San Diego</u>	State/Country: <u>California</u> Postal Code: <u>92122</u>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Ira H. Pastan	Signature of Inventor 2  Tapan K. Bera	Signature of Inventor 3  Paul E. Kennedy
Date <u>12/14/00</u>	Date	Date
Signature of Inventor 4	Signature of Inventor 5  Carlos F. Barbas, III	
Edward A. Berger		
Date	Date	

Full Name of Inventor 1:	Last Name: <b>PASTAN</b>	First Name: <b>IRA</b>	Middle Name or Initial: <b>H.</b>
Residence & Citizenship:	City: <b>Potomac</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>11710 Beall Mountain Road</b>	City: <b>Potomac</b>	State/Country: <b>Maryland</b> Postal Code: <b>20854</b>
Full Name of Inventor 2:	Last Name: <b>BERA</b>	First Name: <b>TAPAN</b>	Middle Name or Initial: <b>K.</b>
Residence & Citizenship:	City: <b>Gathersburg</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>India</b>
Post Office Address:	Post Office Address: <b>18302 Ivy Oak Terrace</b>	City: <b>Gathersburg</b>	State/Country: <b>Maryland</b> Postal Code: <b>20877</b>
Full Name of Inventor 3:	Last Name: <b>KENNEDY</b>	First Name: <b>PAUL</b>	Middle Name or Initial: <b>E.</b>
Residence & Citizenship:	City: <b>Silver Spring</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>735 Easley Street</b>	City: <b>Silver Spring</b>	State/Country: <b>Maryland</b> Postal Code: <b>20910</b>
Full Name of Inventor 4:	Last Name: <b>BERGER</b>	First Name: <b>EDWARD</b>	Middle Name or Initial: <b>A.</b>
Residence & Citizenship:	City: <b>Rockville</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>5820 Inman Park Circle, #230</b>	City: <b>Rockville</b>	State/Country: <b>Maryland</b> Postal Code: <b>20852</b>
Full Name of Inventor 5:	Last Name: <b>BARBAS, III</b>	First Name: <b>CARLOS</b>	Middle Name or Initial: <b>F.</b>
Residence & Citizenship:	City: <b>San Diego</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>7081 Weller Street</b>	City: <b>San Diego</b>	State/Country: <b>California</b> Postal Code: <b>92122</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 <hr/> Ira H. Pastan	Signature of Inventor 2  Tapan K. Bera	Signature of Inventor 3 <hr/> Paul E. Kennedy
Date Date	12/13/2000	Date
Signature of Inventor 4 <hr/> Edward A. Berger	Signature of Inventor 5 <hr/> Carlos F. Barbas, III	
Date	Date	

Full Name of Inventor 1:	Last Name: <b>PASTAN</b>	First Name: <b>IRA</b>	Middle Name or Initial: <b>H.</b>
Residence & Citizenship:	City: <b>P tomac</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>11710 Beall Mountain Road</b>	City: <b>Potomac</b>	State/Country: <b>Maryland</b> Postal Code: <b>20854</b>
Full Name of Inventor 2:	Last Name: <b>BERA</b>	First Name: <b>TAPAN</b>	Middle Name or Initial: <b>K.</b>
Residence & Citizenship:	City: <b>Gathersburg</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>India</b>
Post Office Address:	Post Office Address: <b>18302 Ivy Oak Terrace</b>	City: <b>Gathersburg</b>	State/Country: <b>Maryland</b> Postal Code: <b>20877</b>
Full Name of Inventor 3:	Last Name: <b>KENNEDY</b>	First Name: <b>PAUL</b>	Middle Name or Initial: <b>E.</b>
Residence & Citizenship:	City: <b>Silver Spring</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>735 Easley Street</b>	City: <b>Silver Spring</b>	State/Country: <b>Maryland</b> Postal Code: <b>20910</b>
Full Name of Inventor 4:	Last Name: <b>BERGER</b>	First Name: <b>EDWARD</b>	Middle Name or Initial: <b>A.</b>
Residence & Citizenship:	City: <b>Rockville</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>5820 Inman Park Circle, #230</b>	City: <b>Rockville</b>	State/Country: <b>Maryland</b> Postal Code: <b>20852</b>
Full Name of Inventor 5:	Last Name: <b>BARBAS, III</b>	First Name: <b>CARLOS</b>	Middle Name or Initial: <b>F.</b>
Residence & Citizenship:	City: <b>San Diego</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>
Post Office Address:	Post Office Address: <b>7081 Weller Street</b>	City: <b>San Diego</b>	State/Country: <b>California</b> Postal Code: <b>92122</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Ira H. Pastan	Signature of Inventor 2  Tapan K. Bera	Signature of Inventor 3  Paul E. Kennedy
Date	Date	Date 12/22/2000
Signature of Inventor 4  Edward A. Berger	Signature of Inventor 5  Carlos F. Barbas, III	
Date 12/22/00	Date	

Full Name of Inventor 1:	Last Name: <b>PASTAN</b>	First Name: <b>IRA</b>	Middle Name or Initial: <b>H.</b>	
Residence & Citizenship:	City: <b>Potomac</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>11710 Beall Mountain Road</b>	City: <b>Potomac</b>	State/Country: <b>Maryland</b>	Postal Code: <b>20854</b>
Full Name of Inventor 2:	Last Name: <b>BERA</b>	First Name: <b>TAPAN</b>	Middle Name or Initial: <b>K.</b>	
Residence & Citizenship:	City: <b>Gathersburg</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>India</b>	
Post Office Address:	Post Office Address: <b>18302 Ivy Oak Terrace</b>	City: <b>Gathersburg</b>	State/Country: <b>Maryland</b>	Postal Code: <b>20877</b>
Full Name of Inventor 3:	Last Name: <b>KENNEDY</b>	First Name: <b>PAUL</b>	Middle Name or Initial: <b>E.</b>	
Residence & Citizenship:	City: <b>Silver Spring</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>735 Easley Street</b>	City: <b>Silver Spring</b>	State/Country: <b>Maryland</b>	Postal Code: <b>20910</b>
Full Name of Inventor 4:	Last Name: <b>BERGER</b>	First Name: <b>EDWARD</b>	Middle Name or Initial: <b>A.</b>	
Residence & Citizenship:	City: <b>Rockville</b>	State/Foreign Country: <b>Maryland</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>5820 Inman Park Circle, #230</b>	City: <b>Rockville</b>	State/Country: <b>Maryland</b>	Postal Code: <b>20852</b>
Full Name of Inventor 5:	Last Name: <b>BARBAS, III</b>	First Name: <b>CARLOS</b>	Middle Name or Initial: <b>F.</b>	
Residence & Citizenship:	City: <b>San Diego</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>755 Pacific Surf 7081 Weller Street Drive</b>	City: <b>San Diego Solana Beach</b>	State/Country: <b>California</b>	Postal Code: <b>92123 9205</b>

*IRH* 1/8/1

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Ira H. Pastan	Tapan K. Bera	Paul E. Kennedy
Date	Date	Date
Signature of Inventor 4	Signature of Inventor 5	
Edward A. Berger	Carlos F. Barbas, III	
Date	Date	